

SPECIFICATION:

Page 1, delete entire abstract and replace with new abstract which is separately provided at end of this amendment.

Page 2; delete "centri" on line 21

Page 3, line 2, add word "force" after coriolis

line 7, insert phrase after "gear"; "causing motion into a spiral trajectory."

Page 4, line 1, replace "1a" with "2" and start as a new paragraph.

line 2, insert "epicycloid" before "trajectory"

line 3, replace "2" with "3"

line 5, delete entire sentence beginning "Figure 2a..." and move down as FIG 5 paragraph.

line 7, replace "3" with "4"

line 10, insert paragraph "Fig 5..."

Page 5, line 7, change "appart" to "apart"

line 10, delete "Lastly" and replace as "Lastly"

line 17, delete "is shown", and change "consisting" to "consists"

line 18, change "vertical" to "vertically"

Page 6, line 1, delete "anglular" and replace with "angular"

line 4, replace "1a" with "2"

line 5, replace "hypercyloid" with "epicyloid"

line 5, replace "fram" with "frame"

line 13, replace "2" with "3"

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page 6, line 17, add after "motor" the phrase "such as an AC
induction or DC electric type."

line 20, add after "rod" the word "member"

page 7, line 3, insert after "duration" the phrase "of
planet gear,"

line 4, correct "releaseing" to read "releasing"

line 10, change "Figure 2a" to "FIG. 5" and start a
new paragraph as follows:

"In FIG. 5⁵⁰ an embodiment is shown using an oldham coupler 69
which can alternately be used to transmit torque to the rotor 50
axle from a fixed motor and provide high torque capacity and
zero backlash. Here the satellite mass is zero, and the planet
rotor⁵⁰ revolves where the sun gear would be. This configuration
can offer multiple oscillators with at least two coaxially
coupled by a common oldham coupler, each being clocked 180
degrees apart on indepen^{den}t platforms²⁰ all driven by the motor
oldham. Also, the spring-crank repositioning device⁷⁵ is driven
by a chain drive and sprocket arrangement off a sprocket⁸²
of
equal size rotatably connected to the oldham. For this heavy
duty application, the mechanical clutch is a cam buckle⁸³ acting
on a nylon webbing material⁸⁴ member. Here, the flywheel is replaced
with a mechanical governor⁸¹ to maintain constant speed. Finally,
the motor¹⁰¹ can be a rotary wankel engine." (NOTE TO EXAMINER: THIS
PARAGRAPH IS NOT NEW MATTER BUT IS THE ANTECEDENT OF THE GIVEN
CLAIMS 5,8,10, and 15-18.)

Page 7, line13 change Figure 3" to"FIG 4"

line 13, chANGE "clocket" to "clocked"

line 13, change "APPART" to "apart"

line 14, change "gimba 2001" to"gimbal 201"

Page 8, line 5, change "during this" to "from the"

line 8, add the sentence "The system is referred to
as the Gravito-Inertial Lift System or GILS."

Conclude the specification section with the following paragraph:

"It will be clear that the embodiments of the invention
which have been described may be changed in many ways, some of
them have been indicated and such changes do not affect the
essence of the invention as described in the annexed claims."